



Product Information

Product ID C5645

CAS No. 64-86-8

Chemical Name N-[(7S)-5,6,7,9-Tetrahydro-1,10,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl]acetamide

Synonym

Formula C₂₂H₂₅NO₆

Formula Wt. 399.44

Melting Point 142-150°C

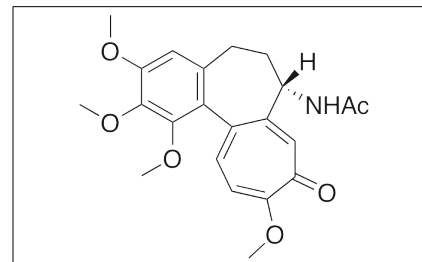
Purity ≥97%

Solubility Soluble in water (40 mg/mL), ethanol (7 mg/mL), DMSO (14 mg/mL), or chloroform. Insoluble in petr. ether.

Store Temp 4°C

Ship Temp Ambient

Description Colchicine is an anti-inflammatory anti-mitotic compound originally found in *Colchicum*; it is clinically used to treat gout. Colchicine binds tubulin and inhibits microtubule polymerization, inhibiting inflammasome activation, cytokine generation, and chemotaxis. Colchicine inhibits neutrophil motility. The anticancer potential of colchicine is limited by its high toxicity.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C5645	500 mg	\$64.20
C5645	1 g	\$99.90

References Dalbeth N, Lauterio TJ, Wolfe HR. Mechanism of Action of Colchicine in the Treatment of Gout. Clin Ther. 2014 Aug 21. [Epub ahead of print]. PMID: 25151572.

Ching JK, Ju JS, Pittman SK, et al. Increased autophagy accelerates colchicine-induced muscle toxicity. Autophagy. 2013 Dec;9(12):2115-25. PMID: 24184927.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.